

**SYSTEM AND METHOD FOR DIAGNOSING AND MONITORING
MYOCARDIAL ISCHEMIA FOR AUTOMATED
REMOTE PATIENT CARE**

Abstract

5 A system for diagnosing and monitoring myocardial ischemia for automated remote patient care is presented. A database stores monitoring sets containing recorded measures relating to patient information recorded on a substantially continuous basis. A server retrieving and processing the monitoring sets includes a comparison module determining a patient status change by

10 comparing recorded measures and time from each of the monitoring sets to other recorded measures and time from another monitoring set with both recorded measures relating to a same type of patient information recorded at different times, and an analysis module testing each patient status change for an absence, an onset, a progression, a regression, and a status quo of myocardial ischemia

15 against a predetermined indicator threshold, including hysteresis threshold, corresponding to same type of patient information as the compared recorded measures.